ELSEVIER

Neuroscience Letters 298 (2000) 230–232

Neuroscience Letters

www.elsevier.com/locate/neulet

Contents to Volume 298

Volume 298, no. 1

Guidelines for the submission of manuscripts v

Hypothalamic orexin-A binding sites are downregulated by chronic nicotine treatment in the rat
J.K. Kane, S.L. Parker, M.D. Li (USA) 1

Ischemic vulnerability of primary murine microglial cultures
M.A. Yenari, R.G. Giffard (USA) 5

Three different human tau isoforms and rat neurofilament light, middle and heavy chain proteins are cellular substrates for transglutaminase
A.J. Grierson, G.V.W. Johnson, C.C.J. Miller (UK, USA) 9

Modulation by lanthanum ions of γ-aminobutyric $acid_A$ receptors of rat cerebellum granule cells in culture: clues on their subunit composition
B. Barilà, A. Cupello, M. Robello (Italy) 13

Respiratory responses of normal and vestibular defective human subjects to rotation in the yaw and pitch planes
K. Jáuregui-Renaud, M.A. Gresty, R. Reynolds, A.M. Bronstein (Mexico, UK) 17

Analgesic effect of the acupuncture using the method of quick insertion and withdrawal of the needle in rats
E.S. Uom, B.I. Min, J.H. Kim, Y.W. Cho (South Korea) 21

The periodic structure of vowel sounds is reflected in human electromagnetic brain responses
P. Alku, P. Sivonen, K. Palomäki, H. Tiitinen (Finland) 25

Immunohistochemical study on the distribution of the voltage-gated potassium channels in the gerbil hippocampus
K.H. Park, Y.H. Chung, C.-M. Shin, M.J. Kim, B.K. Lee, S.S. Cho, C.I. Cha (South Korea) 29

Astrocytic factors down-regulate the expression of major histocompatibility complex-class-II and intercellular adhesion molecule-1 on human monocytes
N.P. Hailer, B. Glomsda, R.A. Blaheta (Germany) 33

Tetraethylammonium-induced long-term potentiation in layer V horizontal connections of rat motor cortex
P. Jagodzinski, G. Hess (Poland) 37

Dipole analysis of ultralate (C-fibres) evoked potentials after laser stimulation of tiny cutaneous surface areas in humans
E. Opsommer, T. Weiss, L. Plaghki, W.H.R. Miltner (Belgium, Germany) 41

Facilitation and inhibition mechanisms of human visuospatial attention in a non-search task
A. Facoetti (Italy) 45

Differential changes in neuropeptide Y and nicotinamide adenine dinucleotide phosphate-diaphorase-positive neurons in rat hippocampus after kainic acid-induced seizure
C. Park, M. Kang, K. Kang, J. Lee, J. Kim, J. Yoo, H. Ahn, Y. Huh (South Korea) 49

The spatial patterns of prion protein deposits in Creutzfeldt–Jakob disease: comparison with β-amyloid deposits in Alzheimer's disease
R.A. Armstrong, P.L. Lantos, N.J. Cairns (UK) 53

Establishment of bee venom-induced contralateral heat hyperalgesia in the rat is dependent upon central temporal summation of afferent input from the site of injury
H.-S. Chen, J. Chen, J. Chen, W.-G. Guo, M.-H. Zheng (PR China) 57

Estrogen modulates norepinephrine-induced accumulation of adenosine cyclic monophosphate in a subpopulation of immortalized luteinizing hormone-releasing hormone secreting neurons from mouse hypothalamus
J.R. Martínez-Morales, A. Morales, R. Marín, J.G. Hernández-Jiménez, A. Acevedo, B. Guerra, G. Hernández, I. López-Coviella, L. Prieto, R. Alonso (Spain, USA) 61

Implicit motor-sequence learning in humans following unilateral stroke: the impact of practice and explicit knowledge
L.A. Boyd, C.J. Winstein (USA) 65

Periaqueductal grey mediated inhibition of responses to noxious stimulation is dynamically activated in a rat model of neuropathic pain
R. Monhemius, D.L. Green, M.H.T. Roberts, J. Azami (UK) 70

Clara cell secretory protein (CC16) gene polymorphism and schizophrenia in humans
H. Hori, O. Ohmori, T. Shinkai, H. Kojima, J. Nakamura (Japan) 75

Nicotinamide-*N*-methyltransferase is higher in the lumbar cerebrospinal fluid of patients with Parkinson's disease
K. Aoyama, K. Matsubara, M. Kondo, Y. Murakawa, M. Suno, K. Yamashita, S. Yamaguchi, S. Kobayashi (Japan) 78

Announcement 81

Volume 298, no. 2

Dynamics of electroencephalographic slow wave activity and body temperature during monophasic and biphasic human sleep
I. Fagioli, G. Barbato, T.A. Wehr (Italy, USA) 83
A novel Cys212Tyr founder mutation in *parkin* and allelic heterogeneity of juvenile Parkinsonism in a population from North West Colombia
N. Pineda-Trujillo, L.G. Carvajal-Carmona, O. Buriticá, S. Moreno, C. Uribe, D. Pineda, M. Toro, F. García, W. Arias, G. Bedoya, F. Lopera, A. Ruiz-Linares (Colombia, United Kingdom) 87
Modulation of rat medial vestibular nucleus neurone activity by vasopressin and noradrenaline in vitro
M.V. Podda, A.R. Johnston, E. Tolu, M.B. Dutia (Italy, UK) 91
Ciliary neurotrophic factor induces preprotachykinin A gene expression in the rat carotid body
P.R. Akins, G. Wu, E.B. Gauda (USA) 95
The effect of lumbar sympathectomy on increased tactile sensitivity in spinal nerve ligated rats
D.H. Lee, J. Katner, S. Iyengar, D. Lodge (USA) 99
Inflammation contributes to the postponed ischemic neuronal damage following treatment with a glutamate antagonist in rats
F. Block, I. Bozdag, M. Nolden-Koch (Germany) 103
Correlation of brain rhythms between frontal and left temporal (Wernicke's) cortical areas during verbal thinking
A.R. Nikolaev, G.A. Ivanitsky, A.M. Ivanitsky, M.I. Posner, Y.G. Abdullaev (Russia, USA) 107
Electroretinograms remain normal in mice lacking a synapse associated protein
S.L. Ball, F.P. Lindberg, C.F. Lagenaur, N.S. Peachey (USA) 111
Modulation of large conductance calcium-activated potassium channels from rat hippocampal neurons by glutathione
H. Soh, W. Jung, D.-Y. Uhm, S. Chung (South Korea) 115
Involvement of central histaminergic neurons in polypnea induced by hyperthermia in rabbits
M. Iwase, M. Izumizaki, M. Kanamaru, I. Homma (Japan) 119
Rhythms of the pineal *N*-acetyltransferase mRNA and melatonin concentrations during embryonic and post-embryonic development in chicken
I. Herichová, M. Zeman, M. Macková, P. Griač (Slovakia) 123
Induction of major histocompatibility complex class I molecules on human neuroblastoma line cells by a flavoid antioxidant
K. Sakai, Y. Li, T. Shirakawa, Y. Kitagawa, G. Hirose (Japan) 127
Genotypes of catechol-*O*-methyltransferase and response to levodopa treatment in patients with Parkinson's disease
M.S. Lee, C.H. Lyoo, I. Ulmanen, A.-C. Syvänen, J. O Rinne (South Korea, Finland, Sweden) 131
Age-related changes in manganese superoxide dismutase activity in the cerebral cortex of senescence-accelerated prone and resistant mouse
T. Kurokawa, S. Asada, S. Nishitani, O. Hazeki (Japan) 135
Erythropoietin exerts neuroprotection in 1-methyl-4-phenyl-1,2,3,6-tetrahydropyridine-treated C57/BL mice via increasing nitric oxide production
S. Genc, F. Kuralay, K. Genc, M. Akhisaroglu, S. Fadiloglu, K. Yorukoglu, M. Fadiloğlu, A. Gure (Turkey) 139
Post-dexamethasone cortisol level and memory performance in elderly depressed patients
G. Adler, A. Jajcevic (Germany) 142

Announcement 145

Volume 298, no. 3

Estrogen receptor-α immunoreactivity in parasympathetic preganglionic neurons innervating the bladder in the adult ovariectomized cat
V.G.J.M. VanderHorst, E. Meijer, G. Holstege (The Netherlands) 147
Coexistence of kappa- and delta-opioid receptors in rat spinal cord axons
M.W. Wessendorf, J. Dooyema (USA) 151
Enhancement of conflict processing activity in human brain under task relevant condition
H. Wang, Y. Wang, J. Kong, L. Cui, S. Tian (PR China) 155
Protein ubiquitination in rat brain following hypoglycemic coma
Y.-B. Ouyang, B.-R. Hu (USA) 159
Myelin basic protein is necessary for the regulation of myelin-associated glycoprotein expression in mouse oligodendroglia
J. Nakahara, K. Tan-Takeuchi, C. Seiwa, T. Yagi, S. Aiso, K. Kawamura, H. Asou (Japan) 163
Glutamic acid decarboxylase-like immunoreactive axon terminals in synaptic contact with mesencephalic trigeminal nucleus neurons in the rat
P. Chen, J.-L. Li, J.-S. Li, N. Mizuno (People's Republic of China, Japan) 167
Electrochemical evidence that lacidipine stimulates release of nitrogen monoxide in rat aorta
F. Crespi, E. Vecchiato, C. Lazzarini, G. Gaviraghi (Italy) 171

Application of *N*-methyl-D-aspartate induces long-term potentiation in the medial perforant path and long-term depression in the lateral perforant path of the rat dentate gyrus in vitro
A.M. Rush, M.J. Rowan, R. Anwyl (Ireland) 175

Peripheral administration of low pH solutions causes activation and sensitisation of convergent dorsal horn neurones in the anaesthetised rat
K.J. Carpenter, M. Nandi, A.H. Dickenson (UK) 179

Effects of intrahippocampal aniracetam treatment on Y-maze avoidance learning performance and behavioral long-term potentiation in dentate gyrus in rat
Y. Rao, P. Xiao, S.-T. Xu (PR China) 183

Reduction of rat brain levels of the endogenous dopaminergic proneurotoxins 1,2,3,4-tetrahydroisoquinoline and 1,2,3,4-tetrahydro-β-carboline by cigarette smoke
R. Soto-Otero, E. Méndez-Álvarez, I. Sánchez-Sellero, A. Cruz-Landeira, M. López-Rivadulla Lamas (Spain) 187

Altered expression of a-type but not b-type synapsin isoform in the brain of patients at high risk for Alzheimer's disease assessed by DNA microarray technique
L. Ho, Y. Guo, L. Spielman, O. Petrescu, V. Haroutunian, D. Purohit, A. Czernik, S. Yemul, P.S. Aisen, R. Mohs, G.M. Pasinetti (USA) 191

Functional reorganization of the human primary somatosensory cortex after acute pain demonstrated by magnetoencephalography
P. Sörös, S. Knecht, C. Bantel, T. Imai, R. Wüsten, C. Pantev, B. Lütkenhöner, H. Bürkle, H. Henningsen (Germany) 195

The metabolic evidence of synergistic effect between ohmefentanyl and [D-Pen^2, D-Pen^5] enkephalin on differentiated SH-SY5Y cells in humans
Z.-W. Chen, K. Yang, Y. Wang, J.-S. Han (PR China) 199

Cerebral sources of electrical potentials related to human vocalization and mouth movement
I.M. Tarkka (Finland) 203

Group I metabotropic glutamate receptors prevent endothelial programmed cell death independent from MAP kinase p38 activation in rat
S.-H. Lin, K. Maiese (USA) 207

Low level Pb^{2+} exposure affects hippocampal protein kinase Cγ gene and protein expression in rats
M.K. Nihei, J.L. McGlothan, C.D. Toscano, T.R. Guilarte (USA) 212

Haloperidol and clozapine increase neural activity in the rat prefrontal cortex
Y.B. Kim, J. Jang, Y.-M. Chung, E.H. Baeg, H.T. Kim, I. Mook-Jung, S.U. Kim, M.W. Jung, Y.-K. Chung (South Korea) 217

Somatosensory event-related potentials in the rabbit cerebral and cerebellar cortices: a correspondence with mismatch responses in humans
P. Astikainen, T. Ruusuvirta, T. Korhonen (Finland) 222

Announcement 225

Author Index to Volume 298 226

Contents to Volume 298 230